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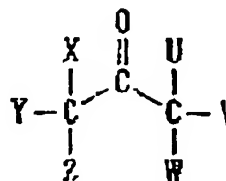
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EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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APPLICATION NUMBER : 08284939



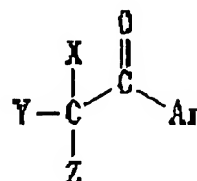
I

APPLICANT : KAO CORP;

INVENTOR : AOYANAGI MUNEO;

INT.CL. : C11D 7/54 C11D 7/18 D06L 3/02

TITLE : BLEACHING AGENT COMPOSITION



II

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a bleaching catalyst-contg. bleaching agent compsn. which can exhibit high bleaching power even in a small amt. and does not damage a fiber by using at least one inorg. peroxide as bleaching species and incorporating a specified ketone compd.

SOLUTION: The ketone compd. used is the one represented by formula I [wherein at least one of (u) to (z) represents a substituent having a Tafta value of not less than 1 with the others representing H, a 1-20 C alkyl, an alkenyl, or an aryl], or by formula II [wherein at least one of X to Z represents a substituent having a Tafta value of not less than 1 with the others representing H, a 1-20 C alkyl, an alkenyl, or an aryl; and Ar represents an aryl]. This ketone compd. is incorporated in an amt. of 0.1 to 10wt.% into the bleaching agent compsn. In order to activate the ketone compd., at least one bleaching species selected from hydrogen peroxide and inorg. oxides, which produce hydrogen peroxide in an aq. soln., such as sodium peroxide and sodium perborate, is incorporated in an amt. of 5 to 80wt.% in a mol. ratio of the bleaching species to the ketone compd. of not less than 5.0 into the bleaching agent compsn. If necessary, an alkali metal and the like may be incorporated.

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AN - 2002-168831 [25]
AP - BR19990006244 19990910
CPY - ECOP-N
DC - E36 F06 M14
FS - CPI
IC - C01B5/02 ; C11D3/395 ; C11D7/54 ; D06L3/02
IN - DOS SANTOS A G; TOGNETTI J B; TORRES P R
MC - E31-E F03-B01 M14-A
PA - (ECOP-N) ECOPER QUIMICA LTDA
PN - BR9906244 A 20011211 DW200225 C01B5/02 001pp
PR - BR19990006244 19990910
XA - C2002-058478
XIC - C01B-005/02 ; C11D-003/395 ; C11D-007/54 ; D06L-003/02
AB - BR9906244 NOVELTY - The preparation of hydrogen peroxide-based, e.g., metal surface treatment agents comprises a technique employing a treated aqueous phase of methyl ethyl ketone peroxide. The product is applicable to metals and textiles.
- DETAILED DESCRIPTION - The treated aqueous phase can be neutralized, which greatly reduces material and processing costs and risk of explosion during processing.
- USE - None given.
- (Dwg.0/0)
IW - PREPARATION HYDROGEN PEROXIDE BASED METAL SURFACE TREAT AGENT CONSIST PROCESS AQUEOUS PHASE METHYL ETHYL KETONE CAN FINAL RECUPERATION
IKW - PREPARATION HYDROGEN PEROXIDE BASED METAL SURFACE TREAT AGENT CONSIST PROCESS AQUEOUS PHASE METHYL ETHYL KETONE CAN FINAL RECUPERATION
INW - DOS SANTOS A G; TOGNETTI J B; TORRES P R
NC - 001
OPD - 1999-09-10
ORD - 2001-12-11
PAW - (ECOP-N) ECOPER QUIMICA LTDA
TI - Preparation of hydrogen peroxide-based, e.g. , metal surface treatment agents consists of processing of an aqueous phase of methyl ethyl ketone, which can finally be recuperated